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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/020,422	12/12/2001	Edward O. Clapper	884.610US1	9545

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EXAMINER

MISTRY, O NEAL RAJAN

ART UNIT PAPER NUMBER

2173

DATE MAILED: 07/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/020,422

**Applicant(s)**

CLAPPER, EDWARD O.

**Examiner**

O'Neal R Mistry

**Art Unit**

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_.

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### DETAILED ACTION

1. This application has been examined.
2. Claims 1-28 are presented for examination.

### *Drawings*

3. The Examiner contends that the drawings submitted on December 12, 2001 are acceptable for the examination proceedings.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims ~~1-6, 8-12, 14-28~~<sup>1-28</sup> rejected under 35 U.S.C. 102(e) as being anticipated by Xia et al (U.S. Patent Number 6,252,594).

5. In regards to claim 1, Xia states a method comprising:

displaying information in a display window of a computing device (col. 3 lines 63-66) [Although the window 30 shown in FIG. 2 can display a document, those with ordinary skill in the art will realize that the user may not be aware of portions of the document not immediately displayed in the window 30.]; and

DB

indicating whether the information is scrollable by activating a human perceivable stimulus (col. 4 lines 5-8) [The scroll bar 40 is placed to the extreme right edge of the window 30 in order to improve the user's ability to easily view information in the window 30.].

6. In regards to claim 2, Xia discloses the method, in indicating, the human perceivable stimulus is from the group comprising a light, a sound, and a physical movement (col. 4 lines 15-18) [The present invention provides a system and method for aiding a user in browsing and scrolling through a multiple-page document on a computer system including devices for audio and visual output, such as a display.].

7. In regards to claim 3, Xia states the method, in indicating, the human perceivable stimulus is from the group comprising activation of a light, a change in light intensity, a change in light color, a change in light location, a change in a light blinking pattern, activation of a legend, a change in a legend, activation of a sound, a change in a sound, activation of a physical movement, and a change in a physical movement (col. 4 lines 15-18) [The present invention provides a system and method for aiding a user in browsing and scrolling through a multiple-page document on a computer system including devices for audio and visual output, such as a display.].

8. In regards to claim 4, Xia discloses the method, in indicating, the human perceivable stimulus comprises a light emanating from a light source, the light source being turned on if the information is scrollable, and the light source being otherwise off

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(col. 5 line 9-12) [a window in a browser may be opened to display an html page accessed via the Internet 20. The window opened in step 102 includes a scroll bar when the document contains multiple pages. Display of the document is commenced, via step 104. If the window does not fit the entire document...]. The examiner interprets that if the document contains multiple pages, which cannot be displayed on the screen the scroll bar is presented in the GUI for user to operate, but if the document has enough window space, which allows the whole document to be display at one time, the scroll bar is not display along side the GUI. This entail represents a light source for turning one if the information is scrollable, or otherwise light source is turned off.

9. In regards to claim 5, Xia states the method, in indicating, the human perceivable stimulus comprises a light emanating from a light source proximate to a scroll control element, the light source being turned on if the information is scrollable, and the light source being otherwise off (col. 5 lines 15-20) [In a preferred embodiment, step 106 includes providing a voice or visual cue to the user that is in addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.].

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10. In regards to claim 6, Xia states the method, in indicating, the human perceivable stimulus comprises a light emanating from a first light source proximate to a horizontal scroll control element, the first light source being turned on if the information is horizontally scrollable, and the first light source being otherwise off and wherein the human perceivable stimulus further comprises a light emanating from a second light source proximate to a vertical scroll control element, the second light source being turned on if the information is vertically scrollable, and the second light source being otherwise off (col. 5 lines 15-20), (col. 5 lines 20-24) & (col. 7 lines 40-45) [In a preferred embodiment, step 106 includes providing a voice or visual cue to the user that is in addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.] & [the step 106 may include temporarily providing animated arrows pointing to the scroll bar or moving the scroll bar. Also in a preferred embodiment, step 106 may be turned on or off by the user through a user option.] & [In an alternate embodiment, steps 306 and 308 may include providing animated arrows dropping to the portion of the GUI components used at the status bar instead of briefly placing the scroll bar at the center of the window.]. The examiner interprets in the prior art if the animated arrows are being display to the scroll bar that means the arrows are represent

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the scroll bar for vertical and horizontal scroll bar. This would allow a user to notice if the document is scrollable, and if the document is not scrollable then the scroll bar will not be presented in the GUI to the user.

11. In regards to claim 7, Xia states a the method, in indicating, the first light source, the second light source, the horizontal scroll control wheel, and the vertical scroll control wheel are elements of a pointing device. (col. 5 lines 15-20), (col. 5 lines 20-24) & (col. 7 lines 40-45) [In a preferred embodiment, step 106 includes providing a voice or visual cue to the user that is in addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.] & [the step 106 may include temporarily providing animated arrows pointing to the scroll bar or moving the scroll bar. Also in a preferred embodiment, step 106 may be turned on or off by the user through a user option.] & [In an alternate embodiment, steps 306 and 308 may include providing animated arrows dropping to the portion of the GUI components used at the status bar instead of briefly placing the scroll bar at the center of the window.]. The examiner interprets in the prior art if the animated arrows are being display to the scroll bar that means the arrows are represent the scroll bar for vertical and horizontal scroll bar. This would allow a user



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to notice if the document is scrollable, and if the document is not scrollable then the scroll bar will not be presented in the GUI to the user.

12. In regards to claim 8, Xia states a method comprising:

displaying information in a plurality of display windows of a computing device (col. 3 lines 63-66) [Although the window 30 shown in FIG. 2 can display a document, those with ordinary skill in the art will realize that the user may not be aware of portions of the document not immediately displayed in the window 30.];

detecting a control signal from a user interface element from the group comprising a cursor position, a pointing device, a key, a button, a touch-sensitive screen, or a combination thereof, the control signal representing the selection of a specific display window (col. 3 lines 14-16) [The input/output device 16 may include a keyboard, a mouse, and other devices which a user can input information. The display 18 is used to provide visual information to the user.]; and

indicating whether the information in the specific display window is scrollable by activating a human perceivable stimulus (col. 4 lines 5-8) [The scroll bar 40 is placed to the extreme right edge of the window 30 in order to improve the user's ability to easily view information in the window 30.].

13. In regards to claim 9, Xia discloses, in indicating, the human perceivable stimulus is from the group comprising a light, a sound, and a movement (col. 4 lines 15-18) [The

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present invention provides a system and method for aiding a user in browsing and scrolling through a multiple-page document on a computer system including devices for audio and visual output, such as a display.].

14. In regards to claim 10, Xia states, in indicating, the human perceivable stimulus comprises a light emanating from a light source, the light source being turned on if the information is scrollable, and the light source being otherwise off (col. 5 line 9-12) [a window in a browser may be opened to display an html page accessed via the Internet 20. The window opened in step 102 includes a scroll bar when the document contains multiple pages. Display of the document is commenced, via step 104. If the window does not fit the entire document...]. The examiner interprets that if the document contains multiple pages, which cannot be displayed on the screen the scroll bar is presented in the GUI for user to operate, but if the document has enough window space, which allows the whole document to be display at one time, the scroll bar is not display along side the GUI. This entail represents a light source for turning one if the information is scrollable, or otherwise light source is turned off.

15. In regards to claim 11, Xia states, in indicating, the human perceivable stimulus comprises a light emanating from a light source proximate to a scroll control element, the light source being turned on if the information is scrollable, and the light source being otherwise off (col. 5 lines 15-20) [In a preferred embodiment, step 106 includes providing a voice or visual cue to the user that is in

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addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.].

16. In regards to claim 12, Xia states, in indicating, the human perceivable stimulus comprises a light emanating from a first light source proximate to a horizontal scroll control wheel, the first light source being turned on if the information is horizontally scrollable, and the first light source being otherwise off, and wherein the human perceivable stimulus further comprises a light emanating from a second light source proximate to a vertical scroll control wheel, the second light source being turned on if the information is vertically scrollable, and the second light source being otherwise off (col. 5 lines 15-20), (col. 5 lines 20-24) & (col. 7 lines 40-45) [In a preferred embodiment, step 106 includes providing a voice or visual cue to the user that is in addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.] & [the step 106 may include temporarily providing animated arrows pointing to the scroll bar or moving the scroll bar. Also in a preferred embodiment, step 106 may be turned on or off by the user through a user option.] & [In an alternate embodiment, steps 306 and 308 may include providing animated

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arrows dropping to the portion of the GUI components used at the status bar instead of briefly placing the scroll bar at the center of the window.]. The examiner interprets in the prior art if the animated arrows are being display to the scroll bar that means the arrows are represent the scroll bar for vertical and horizontal scroll bar. This would allow a user to notice if the document is scrollable, and if the document is not scrollable then the scroll bar will not be presented in the GUI to the user.

17. In regards to claim 13, Xia discloses, in indicating, the first light source, the second light source, the horizontal scroll control wheel, and the vertical scroll control wheel are elements of a pointing device (col. 5 lines 15-20), (col. 5 lines 20-24) & (col. 7 lines 40-45) [In a preferred embodiment, step 106 includes providing a voice or visual cue to the user that is in addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.]& [the step 106 may include temporarily providing animated arrows pointing to the scroll bar or moving the scroll bar. Also in a preferred embodiment, step 106 may be turned on or off by the user through a user option.]& [In an alternate embodiment, steps 306 and 308 may include providing animated arrows dropping to the portion of the GUI components used at the status bar instead of briefly placing the

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scroll bar at the center of the window.]. The examiner interprets in the prior art if the animated arrows are being display to the scroll bar that means the arrows are represent the scroll bar for vertical and horizontal scroll bar. This would allow a user to notice if the document is scrollable, and if the document is not scrollable then the scroll bar will not be presented in the GUI to the user.

18. In regards to claim 14, Xia states a computing device including a memory to store information and a computer program, and a user interface including a display, the computing device executing the computer program comprising the operations of:

displaying information in a window of the display device (col. 3 lines 63-66)

[Although the window 30 shown in FIG. 2 can display a document, those with ordinary skill in the art will realize that the user may not be aware of portions of the document not immediately displayed in the window 30.]; and

indicating whether the information is scrollable by activating a human perceivable stimulus (col. 4 lines 5-8) [The scroll bar 40 is placed to the extreme right edge of the window 30 in order to improve the user's ability to easily view information in the window 30.].

19. In regards to claim 15, Xia discloses, in indicating, the computer program comprises the operation of turning on a light if the information is scrollable, and otherwise not turning on the light (col. 5 line 9-12) [a window in a browser may be opened to display an html page accessed via the Internet 20. The window opened in step 102 includes a scroll bar when the

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document contains multiple pages. Display of the document is commenced, via step 104. If the window does not fit the entire document...]. The examiner interprets that if the document contains multiple pages, which cannot be displayed on the screen the scroll bar is presented in the GUI for user to operate, but if the document has enough window space, which allows the whole document to be display at one time, the scroll bar is not display along side the GUI. This entail represents a light source for turning one if the information is scrollable, or otherwise light source is turned off.

20. In regards to claim 16, Xia states including a scroll control element and a light proximate to the scroll control element and wherein, in indicating, the computer program comprises the operation of turning on the light if the information is scrollable, and otherwise not turning on the light (col. 5 lines 15-20) [In a preferred embodiment, step 106 includes providing a voice or visual cue to the user that is in addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.].

21. In regards to claim 17, Xia discloses a horizontal scroll control element and a vertical scroll control element, and wherein, in indicating, the computer program comprises the operation of turning on a first light proximate to the horizontal scroll control element if the information is horizontally scrollable, and wherein the computer

program further comprises the operation of turning on a second light proximate to the vertical scroll control element if the information is vertically scrollable (col. 5 lines 15-20), (col. 5 lines 20-24) & (col. 7 lines 40-45) [In a preferred embodiment, step 106 includes providing a voice or visual cue to the user that is in addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.] & [the step 106 may include temporarily providing animated arrows pointing to the scroll bar or moving the scroll bar. Also in a preferred embodiment, step 106 may be turned on or off by the user through a user option.] & [In an alternate embodiment, steps 306 and 308 may include providing animated arrows dropping to the portion of the GUI components used at the status bar instead of briefly placing the scroll bar at the center of the window.]. The examiner interprets in the prior art if the animated arrows are being display to the scroll bar that means the arrows are represent the scroll bar for vertical and horizontal scroll bar. This would allow a user to notice if the document is scrollable, and if the document is not scrollable then the scroll bar will not be presented in the GUI to the user.

22. In regards to claim 18, Xia states the operation of determining that a user of the computing device is focusing on a specific display window, and wherein, in indicating, the computer program comprises the operation of turning on a light if the information in

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the specific display window is scrollable, and otherwise not turning on the light (col. 5 line 9-12) [a window in a browser may be opened to display an html page accessed via the Internet 20. The window opened in step 102 includes a scroll bar when the document contains multiple pages. Display of the document is commenced, via step 104. If the window does not fit the entire document...]. The examiner interprets that if the document contains multiple pages, which cannot be displayed on the screen the scroll bar is presented in the GUI for user to operate, but if the document has enough window space, which allows the whole document to be display at one time, the scroll bar is not display along side the GUI. This entail represents a light source for turning one if the information is scrollable, or otherwise light source is turned off.

23. In regards to claim 19, Xia discloses the operation of turning on the light proximate to a scroll control element if the information in the specific display window is scrollable, and otherwise not turning on the light (col. 5 lines 15-20) [In a preferred embodiment, step 106 includes providing a voice or visual cue to the user that is in addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.].

24. In regards to claim 20, Xia states the operation of detecting a control signal from a user interface element from the group comprising a cursor position, a pointing device,



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a key, a button, a touch-sensitive screen, or a combination thereof (col. 3 lines 14-16)

[The input/output device 16 may include a keyboard, a mouse, and other devices which a user can input information. The display 18 is used to provide visual information to the user.].

25. In regards to claim 21, Xia discloses a computer network including a computing device having a user interface including a display, and a remote computing device, the computer network executing a computer program residing on the remote computing device comprising the operations of:

displaying information in a display window of the computing device (col. 3 lines 63-66) [Although the window 30 shown in FIG. 2 can display a document, those with ordinary skill in the art will realize that the user may not be aware of portions of the document not immediately displayed in the window 30.]; and

indicating whether the information is scrollable by activating a human perceivable stimulus (col. 4 lines 5-8) [The scroll bar 40 is placed to the extreme right edge of the window 30 in order to improve the user's ability to easily view information in the window 30.].

26. In regards to claim 22, Xia states, in indicating, the computer program comprises the operation of turning on a light if the information is scrollable, and otherwise not turning on the light (col. 5 line 9-12) [a window in a browser may be opened to display an html page accessed via the Internet 20. The window opened in step 102 includes a scroll bar when the

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document contains multiple pages. Display of the document is commenced, via step 104. If the window does not fit the entire document...]. The examiner interprets that if the document contains multiple pages, which cannot be displayed on the screen the scroll bar is presented in the GUI for user to operate, but if the document has enough window space, which allows the whole document to be display at one time, the scroll bar is not display along side the GUI. This entail represents a light source for turning one if the information is scrollable, or otherwise light source is turned off.

27. In regards to claim 23, Xia states the computing device further comprises a scroll control element, and wherein, in indicating, the computer program comprises the operation of turning on a light proximate to the scroll control element if the information is scrollable, and otherwise not turning on the light (col. 5 lines 15-20) [In a preferred embodiment, step 106 includes providing a voice or visual cue to the user that is in addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.].

28. In regards to claim 24, Xia discloses the computing device comprises a horizontal scroll control element and a vertical scroll control element, and wherein, in indicating, the computer program comprises the operation of turning on a first light proximate to the horizontal scroll control element if the information is horizontally

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scrollable, and wherein the computer program further comprises the operation of turning on a second light proximate to the vertical scroll control element if the information is vertically scrollable (col. 5 lines 15-20), (col. 5 lines 20-24) & (col. 7 lines 40-45) [In a preferred embodiment, step 106 includes providing a voice or visual cue to the user that is in addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.] & [the step 106 may include temporarily providing animated arrows pointing to the scroll bar or moving the scroll bar. Also in a preferred embodiment, step 106 may be turned on or off by the user through a user option.] & [In an alternate embodiment, steps 306 and 308 may include providing animated arrows dropping to the portion of the GUI components used at the status bar instead of briefly placing the scroll bar at the center of the window.]. The examiner interprets in the prior art if the animated arrows are being display to the scroll bar that means the arrows are represent the scroll bar for vertical and horizontal scroll bar. This would allow a user to notice if the document is scrollable, and if the document is not scrollable then the scroll bar will not be presented in the GUI to the user.

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29. In regards to claim 25, Xia states An article comprising a machine-accessible medium having associated instructions, wherein the instructions, when accessed, result in a machine perform:

displaying information in a display window of a computing device (col. 3 lines 63-66) [Although the window 30 shown in FIG. 2 can display a document, those with ordinary skill in the art will realize that the user may not be aware of portions of the document not immediately displayed in the window 30.]; and

indicating whether the information is scrollable by activating a human perceivable stimulus (col. 4 lines 5-8) [The scroll bar 40 is placed to the extreme right edge of the window 30 in order to improve the user's ability to easily view information in the window 30.].

30. In regards to claim 26, Xia states the computing device comprising a light, and wherein the instructions, when accessed by the machine, result in the machine performing the operation of turning on the light if the information is scrollable, and otherwise not turning on the light (col. 5 line 9-12) [a window in a browser may be opened to display an html page accessed via the Internet 20. The window opened in step 102 includes a scroll bar when the document contains multiple pages. Display of the document is commenced, via step 104. If the window does not fit the entire document...]. The examiner interprets that if the document contains multiple pages, which cannot be displayed on the screen the scroll bar is presented in the GUI for user

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to operate, but if the document has enough window space, which allows the whole document to be display at one time, the scroll bar is not display along side the GUI. This entail represents a light source for turning one if the information is scrollable, or otherwise light source is turned off.

31. In regards to claim 27, Xia states the computing device further comprises a scroll control element and a light proximate to the scroll control element, and wherein the instructions, when accessed by the machine, result in the machine performing the operation of turning on the if the information is scrollable, and otherwise not turning on the light (col. 5 lines 15-20) [In a preferred embodiment, step 106 includes providing a voice or visual cue to the user that is in addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.].

32. In regards to claim 28, Xia states the computing device comprises a horizontal scroll control element, a first light proximate to the horizontal scroll control element, a vertical scroll control element, and a second light proximate to the vertical scroll control element, and wherein, in indicating, the computer program comprises the operation of turning on the first light if the information is horizontally scrollable, and wherein the computer program further comprises the operation of turning on the second light if the information is vertically scrollable (col. 5 lines 15-20), (col. 5 lines 20-24) & (col. 7 lines 40-45) [In a preferred embodiment, step 106 includes providing a

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voice or visual cue to the user that is in addition to displaying a scroll bar or other component of the GUI used in scrolling. The visual cue preferably draws the user's attention to a component of the GUI used in scrolling, such as the scroll bar or a portion of the scroll bar.]&[the step 106 may include temporarily providing animated arrows pointing to the scroll bar or moving the scroll bar. Also in a preferred embodiment, step 106 may be turned on or off by the user through a user option.]&[In an alternate embodiment, steps 306 and 308 may include providing animated arrows dropping to the portion of the GUI components used at the status bar instead of briefly placing the scroll bar at the center of the window.]. The examiner interprets in the prior art if the animated arrows are being display to the scroll bar that means the arrows are represent the scroll bar for vertical and horizontal scroll bar. This would allow a user to notice if the document is scrollable, and if the document is not scrollable then the scroll bar will not be presented in the GUI to the user.

### ***Conclusion***


Any inquiry concerning this communication or earlier communications from the examiner should be directed to O'Neal R Mistry whose telephone number is (703) 305-2738. The examiner can normally be reached on 9am - 6pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W Cabeca can be reached on (703)308-3116. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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